

ABSTRACT

A stator coil has a plurality of segments serially connected with each other to construct one turn in a phase coil. Each of the segments has a pair of slot conductor portions, a head portion which is projected toward an end of the stator core, and a pair of projected end portions which project from another end of the stator core. The head portion has head tip portion, a pair of head oblique portions, and a pair of projected end portions, each of which is stretched obliquely along the circumferential and axial directions of the stator core. A pair of end tip portions, formed at a tip of the corresponding end oblique portion, is joined with an end tip of the other end tip portion. The head oblique portions or the end oblique portions are made circular-arch-shaped around an axis of said stator core.